

ATTY DOCKET NO. CYB-05503/03	APPLICATION NO. 10/759,459
APPLICANT(S) Cohen et al.	
FILING DATE January 16, 2004	GROUP ART UNIT 2741

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A-T	5,047,952	9/1991	Kramer et al	364	513.5	
	5,423,554	6/1995	Davis	273	437	
	5,454,043	9/1995	Freeman	382	168	
	5,481,454	1/1996	Inoue et al	364	419	
	5,544,050	8/1996	Abe et al	364	419	
	5,563,988	10/1996	Maes et al	395	121	
	5,570,301	10/1996	Barrus	364	559	
	5,581,276	12/1996	Cipolla et al	345	156	
	5,594,469	1/1997	Freeman	345	158	
	5,612,719	3/1997	Beernick et al	345	173	
	5,659,764	8/1997	Sakiyama et al	395	753	

FOREIGN PATENT DOCUMENTS

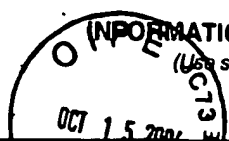
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

✓ A-T		United States Air Force Instruction, "Aircraft Cockpit and Formation Flight Signals," May 1994
		U.S. Army Field Manual No. 21-60, Washington, D.C., Sept. 30, 1987
		Arnold, V.L., "Ordinary Differential Equations," MIT Press, 1978
A-T		Cohen, C., "Dynamical System Representation, Generation and Recognition of Basic Oscillatory Motion Gestures and Applications for the Control of Actuated Mechanisms," Ph.D. Dissertation, Univ. of Michigan, 1996.
		Frank, D., "HUD Expands Kiosk Program," Federal Computer Week, March 8, 1999.

EXAMINER ✓ Abolrazl Tabataba:	DATE CONSIDERED 5/4/05 ✓
---	------------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary) 	ATTY DOCKET NO. CYB-05503/03	APPLICATION NO. 10/759,459
	Cohen et al	
	FILING January 16, 2004	GROUP ART

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A-T	5,668,573	9/1997	Favot et al	345	156	
	5,670,987	9/1997	Doi et al	345	156	
	5,699,441	12/1997	Sagawa et al	382	100	
	5,710,833	1/1998	Moghaddam et al	382	228	
	5,714,698	2/1998	Tokioka et al	73	865.4	
	5,732,227	3/1998	Kuzunuki et al	395	333	
	5,757,360	5/1998	Nitta et al	345	156	
	5,759,044	6/1998	Redmond	434	307R	
	5,767,842	6/1998	Korth	345	168	
	5,798,758	8/1998	Harada et al	345	339	
V	5,801,704	9/1998	Ophara et al	345	358	

FOREIGN PATENT DOCUMENTS

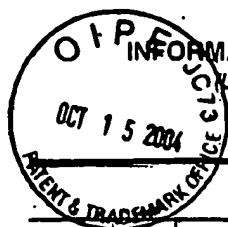
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

A-T	Hager, G., Chang, W., Morse, A.: "Robot Feedback Control Based on Stereo Vision: Towards Calibration-Free Hand-Eye Coordination," IEEE Int. Conf. Robotics and Automation, San Diego, CA, May 1994.
	Hauptmann, A., "Speech and Gestures for Graphic Image Manipulation," Computer Human Interaction 1989 Proc., pp. 241-45, May 1989.
A-T	Hirsch, M. Smale, S., "Differential Equations, Dynamical Systems and Linear Algebra," Academic Press, Orlando, FL, 1974.
	Kanade, T., "Computer Recognition of Human Faces," Birkhauser Verlag, Basel and Stuttgart, 1977.

EXAMINER Abolfazl Tahatehai ✓	DATE CONSIDERED 5/14/05 ✓
---	-------------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

CYB-05503/03

APPLICATION NO.

10/759,459

Cohen et al.

FILING

January 16, 2004

GROUP ART

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A-T	5,813,406	9/1998	Kramer et al	128	782	
	5,828,779	10/1998	Maggioni	382	165	
	5,864,808	1/1999	Ando et al	704	251	
	5,864,848	1/1999	Horvitz et al	707	6	
	5,880,411	3/1999	Gillespie et al	178	18.01	
	5,887,069	3/1999	Sakou et al	382	100	
	5,889,236	3/1999	Gillespie et al	178	18.01	
	5,889,523	3/30/1999	Wilcox et al	345	357	
	5,898,434	4/1999	Small et al	345	348	
	5,901,246	5/1999	Hoffberg et al	382	209	
	5,903,229	5/1999	Kishi	341	20	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

A-T		Karon, P., "Beating an Electronic Pathway to Government with Online Kiosks," Los Angeles Times, August 25, 1996.
		Link-Belt Construction Equipment Co., "Operating Safety: Cranes & Excavators," 1987.
		Turk, M., Pentland, A., "Eigenfaces for Recognition," Journal of Cognitive Neuroscience, 3, 1, 71-86, 1991.
A-T		Narendra, K. Balakrishnan, J. "Improving Transient Response to Adaptive Control Systems Using Multiple Models and Switching," IEEE Trans. on Automatic Control, 39:1861-1866, Sept. 1994.
		Rizzi, A., Whitcomb, L., Koditschek, D., "Distributed Real-Time Control of a Spatial Robot Juggler," IEEE Computer, 25(5) May 1992.

EXAMINER


Abolfazl Tabatabaei ✓

DATE CONSIDERED

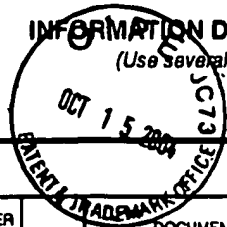
5/4/05 ✓

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not inscribed. Include copy of this form with next communication to applicant.



 INFORMATION DISCLOSURE CITATION <small>(Use several sheets if necessary)</small>				ATTY DOCKET NO. CYB-05503/03		APPLICATION NO. 10/759,459	
				APPLICANT(S) Cohen et al.			
				FILING DATE January 16, 2004		GROUP ART UNIT 2741	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
A-T	5,652,849	7/1997	Conway et al.	395	327	1	
	5,875,257	2/1999	Marrin et al.	382	107		
	5,990,865	11/1999	Gard	345	156		
	6,035,053	3/2000	Yoshioka et al.	345	351		
✓	6,137,908	10/2000	Rhee	382	187		
U.S. PATENT APPLICATION PUBLICATIONS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
✓ A-T			C. Cohen, G. Beach, G. Paul, J. Obermark, G. Foulk, "Issues of Controlling Public Kiosks and other Self Service Machines using Gesture Recognition," Oct. 1998.				
A-T			L. Conway, C. Cohen, "Video Mirroring and Iconic Gestures: Enhancing Basic Videophones to Provide Visual Coaching and Visual Control," (no date available).				
EXAMINER Abel Pazl Tabatabaei ✓				DATE CONSIDERED 5/4/05 ✓			
<small>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>							

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)



ATTY DOCKET NO.
CYB-05503/03

APPLICATION NO.
10/759,459

Cohen et al.

FILING
January 16, 2004

GROUP ART

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
A-T	6,272,231	8/2001	Maurer et al.	382	103	
A-T	6,301,370	10/2001	Steffens et al.	382	103	
A-T	6,335,977	1/2002	Kage	382	107	

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

A-T		C. Cohen, L. Conway, D. Koditschek, G. Roston, "Dynamic System Representation of Basic and Non-Linear in Parameters Oscillatory Motion Gestures," Oct. 1997.
A-T		C. Cohen, L. Conway, D. Koditschek, "Dynamic System Representation, Generation, and Recognition of Basic Oscillatory Motion Gestures," Oct. 1996.

*EXAMINER

Abolfazl Tabatabaei

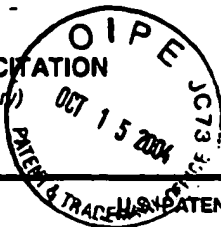
DATE CONSIDERED

5/4/05 ✓

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY DOCKET NO.
CYB-05503/03

APPLICATION NO.
10/759,459

Cohen et al.

FILING
January 16, 2004

GROUP ART

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

A-T		C. Cohen, G. Beach, B. Cavell, G. Foulk, J. Obermark, G. Paul, "The Control of Self Service Machines Using Gesture Recognition," (Aug. 1999).

EXAMINER Abdelaziz Tabatabaei	DATE CONSIDERED 5/21/05
----------------------------------	----------------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.